

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number  
**WO 2005/052424 A1**

(51) International Patent Classification<sup>7</sup>: **F16K 31/122**

(21) International Application Number:  
PCT/KR2004/003097

(22) International Filing Date:  
27 November 2004 (27.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10-2003-0085673  
28 November 2003 (28.11.2003) KR

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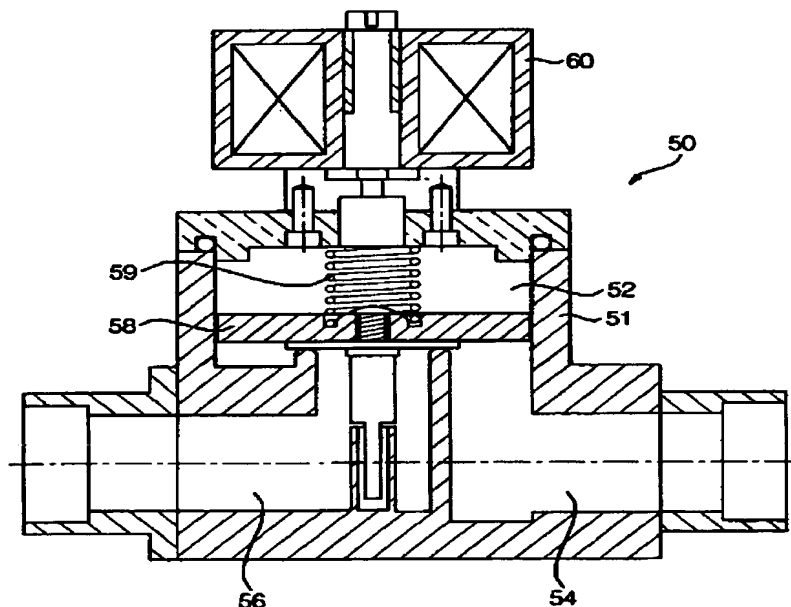
(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

[Continued on next page]

(54) Title: FLOW PATH CONTROL VALVE



(57) Abstract: The present invention relates to a flow path control valve capable of preventing a back flow of a fluid by maintaining inner pressure of a valve chamber constant. An object of the present invention is to provide a flow path control valve, which can rapidly and accurately control a flow path for a working fluid and also prevent a back flow of a working fluid without an additional check valve, thereby reducing the size of the product. A flow path control valve of the present invention for achieving the object comprises a housing formed with a valve chamber that can be in fluid communication with an inlet and an outlet; an opening/closing member installed movably within the valve chamber for moving between an opening position and a closing position to open or close a passage between the inlet and the outlet; an elastic member installed within the valve chamber to bias the opening/closing member toward the closing position; and a solenoid

installed at a side of the housing to electromagnetically moving the opening/closing valve. A side of the opening/closing member is formed with a pressure equilibrium hole for causing the valve chamber to be in fluid communication with the inlet. A bypass tube is provided to discharge a fluid, which has been introduced into the valve chamber through the pressure equilibrium hole, to the outlet.



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